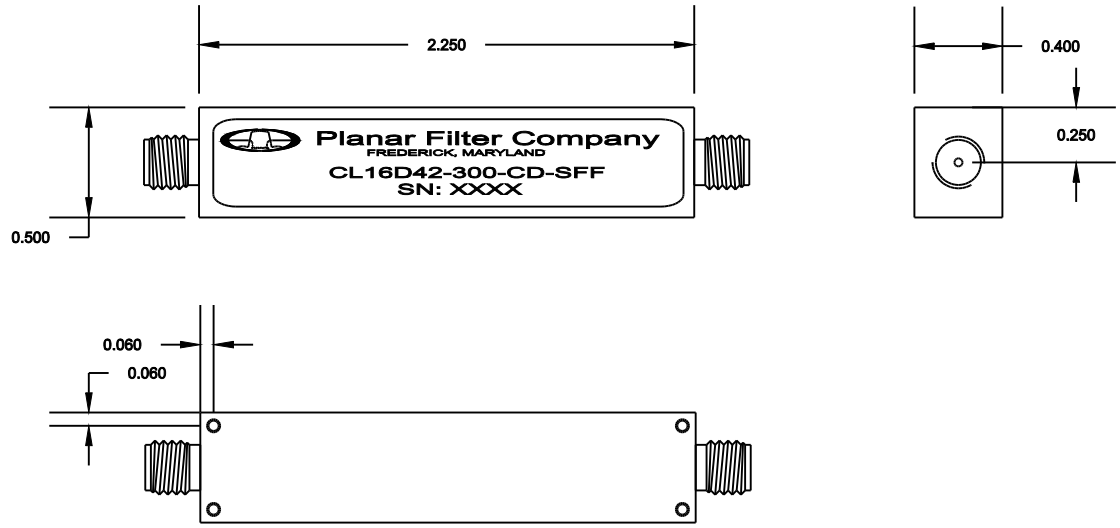
REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	–	ORIGINAL RELEASE	6/20/00	

DESCRIPTION:

PFC model number CL16D42-300-CD-SFF is a Combline filter with SMA female connectors in and out. All filters will be machined and silver plated to provide the highest possible Q.

SPECIFICATIONS:

- CENTER FREQUENCY: 16.42 GHz
- 3dB BANDWIDTH: 300 MHz
- VSWR IN THE PASS BAND: 1.5:1 MAX.
- INSERTION LOSS (PASSBAND) <= -4 dB MAX.
- REJECTION FROM DC TO 16.12 GHz: -40 dB
- REJECTION FROM 16.72 TO 40 GHz: -40 dB



- CONNECTORS: SMA FEMALE CONNECTORS
- SIZE 2.25" (L) x 0.40" (W) x 0.50" (H)
- WEIGHT 1 OZ. TYP.

ENVIRONMENTAL RATINGS:

- TEMPERATURE: -55°C TO +85°C (OPERATING)
  -65°C TO +125°C (STORAGE)
- HUMIDITY: MIL-STD-202F, METHOD 103B COND. B
- SHOCK: MIL-STD-202F, METHOD 213B COND. B
- VIBRATION: MIL-STD-202F, METHOD 204D COND. B
- ALTITUDE: MIL-STD-202F, METHOD 105C COND. B
- SALT FOG: MIL-STD-202F, METHOD 107D COND. A
- FUNGUS: MIL-STD-810C, METHOD 508.2
- TEMPERATURE CYCLE: MIL-STD-202F, METHOD 107

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

ALL DIMENSIONS ARE IN INCHES
TOLERANCES:
X.XX ±0.010
X.XXX ±0.005

PART NO. PF60-236	
APPROVALS	DATE
DRAWN S. PALACIO	6/20/00
CHECKED	
ISSUED	

Planar Filter Company
7311G Grove Road, Fredrick, Maryland

TITLE
OUTLINE DRAWING
CL16D42-300-CD-SFF

SIZE	FSCM NO.	DWG NO.	REV.
A	1QJW0	155-0303	–
SCALE N/A		SHEET 1 OF 1	